

Typhoid Is Most Always Due to Chronic Carriers

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Some 60 years ago, over 50 cases of typhoid fever in and around New York were traced to a female cook who was a typhoid carrier. And there is further evidence that this cook, known in medical annals as "Typhoid Mary," was indirectly responsible for well over 1,000 cases in a water-borne epidemic in Ithaca, N.Y., in 1903.

In this part of the world the occurrence of typhoid fever can almost always be traced to a typhoid carrier. The names of these known carriers are entered on a health department registry and kept under strict surveillance because, although they are harmless to themselves, they can, under certain conditions, be a source of real danger to others.

Typhoid carriers may be arbitrarily divided into convalescent or temporary carriers, and chronic or permanent carriers. Chronic typhoid carriers are those individuals who continue to harbor the infective agent of typhoid (Salmonella typhosa) beyond a period of one year after contracting the disease. These individuals may continue to discharge the organisms in their bodily excretions for an indefinite time or for the rest of their lives.

THREE TYPES

The carriers, whether convalescent or chronic, may be broken down into three types: namely, intestinal or fecal, urinary, and abscess or fistula. The intestinal carriers are by far the most important and the largest group.

The actual number of chronic typhoid carriers in the general population is unknown. However, it is estimated that from two to five per cent of all typhoid fever patients become chronic carriers.

of the typhoid bacilli. It is well established that the carrier state is more common in person over 40 years of age, and that it occurs more frequently in women than in men.

It is also possible to be infected with typhoid organisms without becoming ill, and there are quite a few chronic typhoid carriers who are unaware that they have ever had the infection. This is particularly true in the case of elderly people who were repeatedly exposed to the infection during the years when it was much more prevalent than now, and perhaps contracted a mild case of the disease which was not identified at the time as being typhoid fever. These individuals come to the attention of health officials only during a search for the source after they have transmitted the disease to others.

16 CASES IN 1961

Sixteen cases of typhoid fever were investigated within the jurisdiction of the Los Angeles County Health Department in 1961, and chronic carriers were responsible for five of them. Of the remainder, seven cases were contracted in Mexico; one case, a newborn infant, contracted the disease from its mother; while the sources of infection in the three remaining cases could not be determined.

In order to keep track of known typhoid carriers, all local and state health departments maintain carrier registries. Some 44 typhoid carriers were listed in the registry of the Los Angeles County Health Department at the end of 1961. During that year, eight new names were added, and three were deleted. Names are dropped from the list for various reasons, including death, removal of residence to another area, or when surgical treatment of the carrier state is successful.

Bathing Safety Rules Proposed by County For July 4 Holiday

Beach bathers who visit Torrance Beach and other strand facilities operated by the county are advised to protect themselves against swimming hazards—particularly today—July 4.

The county anticipates thousands will visit the beaches and has issued the same safety slogan, "Better Be Safe Than Sorry."

Safety suggestions released by the county to those who plan to go for a swim along the beach are as follows:

1. Swim near a lifeguard—never swim on an unguarded beach.
2. Leave drowning equipment at home. Inner tubes, air mattresses, and other floating devices are sure fire aids to disaster.
3. Check with your lifeguard for the safe place to swim. Avoid rip currents and inshore holes.
4. Swim parallel to shore, just beyond the surf line, on all distance swims. Don't overestimate your ability.
5. Keep your hands extended in front of your head when diving through waves or into the ocean. Shallow

sand bars will break a neck.

6. If caught in a rip current swim parallel to the beach across the rip before swimming to shore. Don't swim straight toward the shore and fight the rip. Don't panic, save your strength, a lifeguard will be there to help you ashore.

7. Keep clear of pier pilings and rock groins. Watch for lateral drifts that will carry you into them.

8. Get your sun tan gradually. Sunburn can be painful, even fatal.

9. Pick up your empty bottles. When left on the beach, they are sure to be smashed. Sliced feet are painful.

Water Follies Set for Arena

The Water Follies of 1962, a lavish aquacade, featuring some of the country's finest swimming and diving performers, has been set for a five-day run, July 25-29, at Los Angeles Sports Arena.

Billed as the world's greatest water and stage musical revue, the Water Follies is now in its 27th year. Producer is Sam Snyder of Boston, Mass.

Although this is the first time the giant water show will play Los Angeles, impresario Snyder has toured it the length and breadth of the North American continent, in Central and South America and throughout Europe and the Orient.

Evening performances are scheduled Wednesday through Sunday, with matinees Saturday and Sunday afternoons.

PAUL REVERE

The midnight ride of Paul Revere was only one of that patriot's contributions. He cast bullets and cannon during the Revolutionary War, designed and printed the first issue of Continental paper currency, and built the first copper-rolling mill in the United States, according to World Book Encyclopedia.

Record Earnings Reported in May

Earnings of manufacturing production workers in the state reached an all-time high of \$112.16 per week in May, John F. Henning, California Director of Industrial Relations, announced today. Henning stated that average weekly earnings of factory workers were above May 1961 by \$4.57, or 4.2 per cent. Every major manufacturing industry posted an over-the-year increase, led by autos—up \$15.78 per week and aircraft—up \$8.78 per week.

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